


```

graph TD
    Start(( )) --> 50[50 LOAD HISTORICAL 3D IMAGE DATA]
    50 --> 52[52 LOAD PATHOLOGICAL FEATURE DATA]
    52 --> 54[54 COLLECT COARSE IMAGE]
    54 --> 56[56 REGISTER NEW COARSE IMAGE TO HISTORICAL IMAGE]
    56 --> 58[58 CORRELATE PATHOLOGICAL FEATURES WITH NEW IMAGE]
    58 --> End(( ))

```

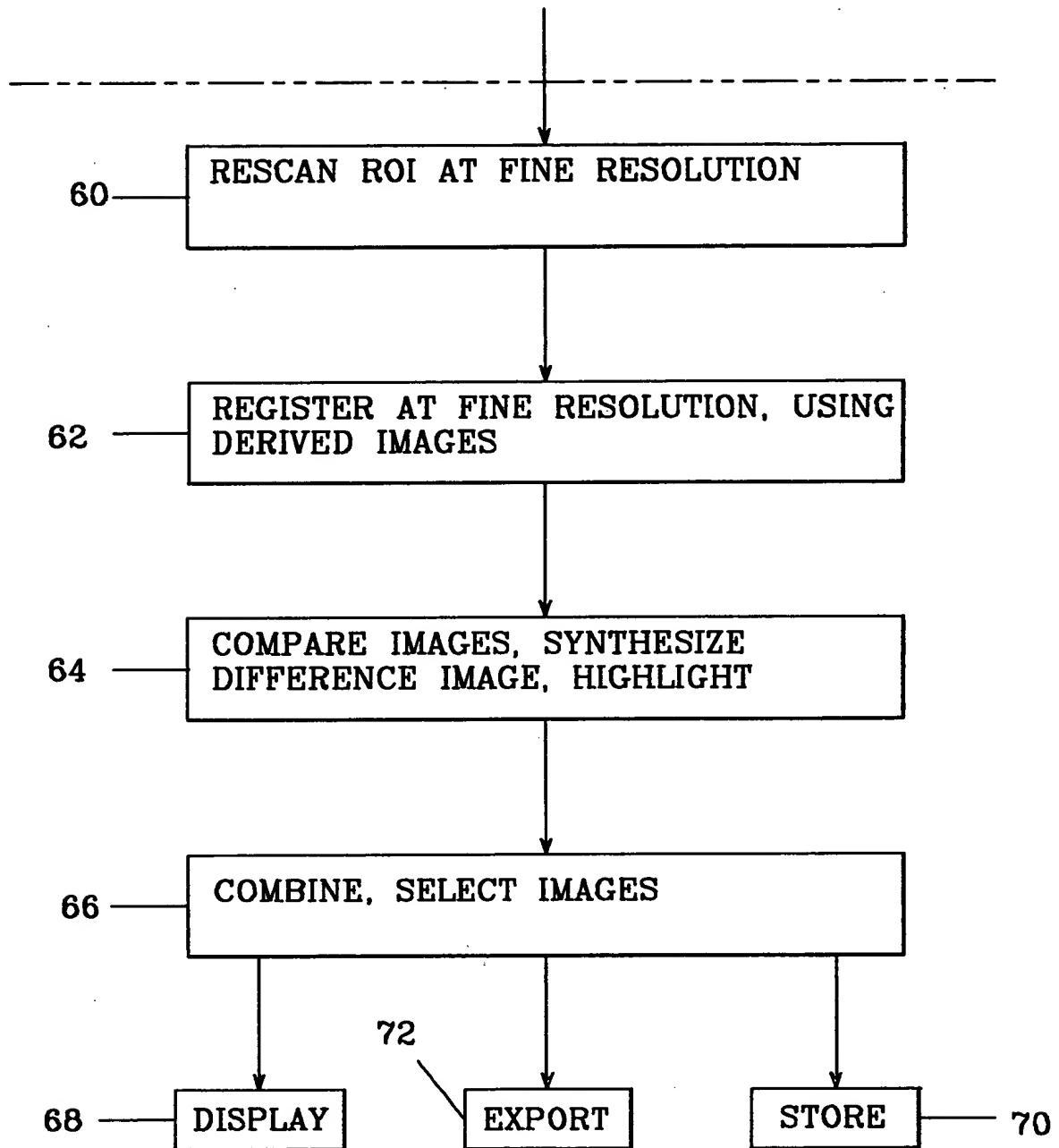


FIG.2b

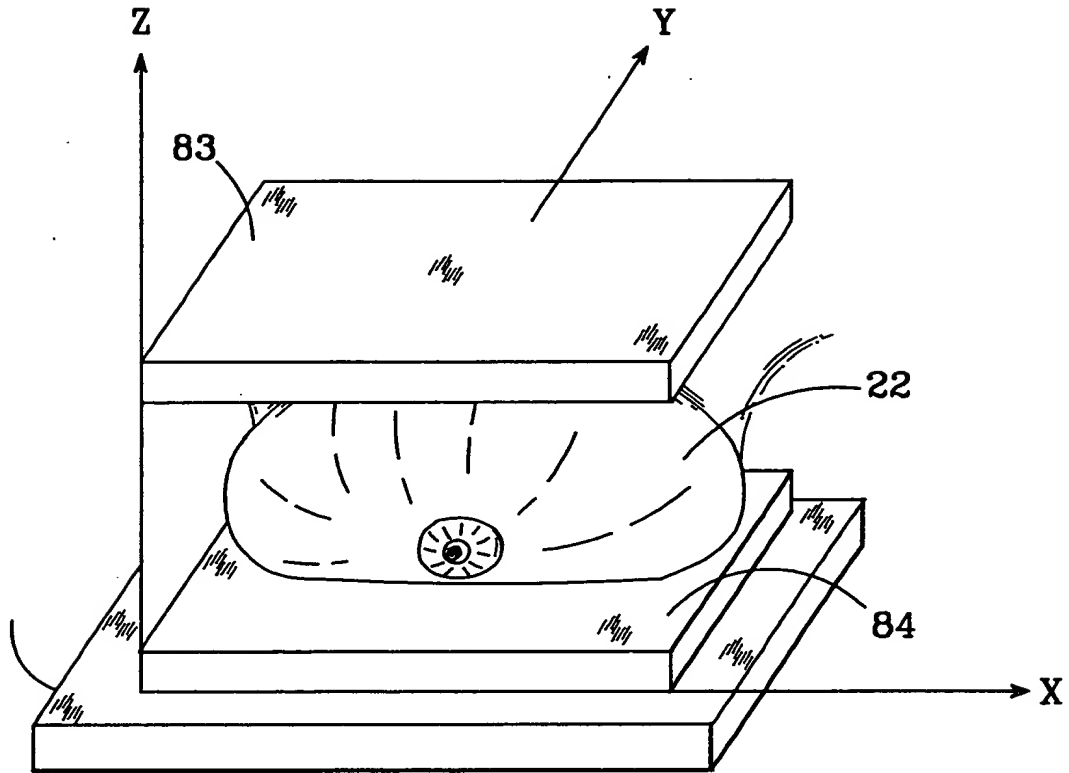


FIG. 3

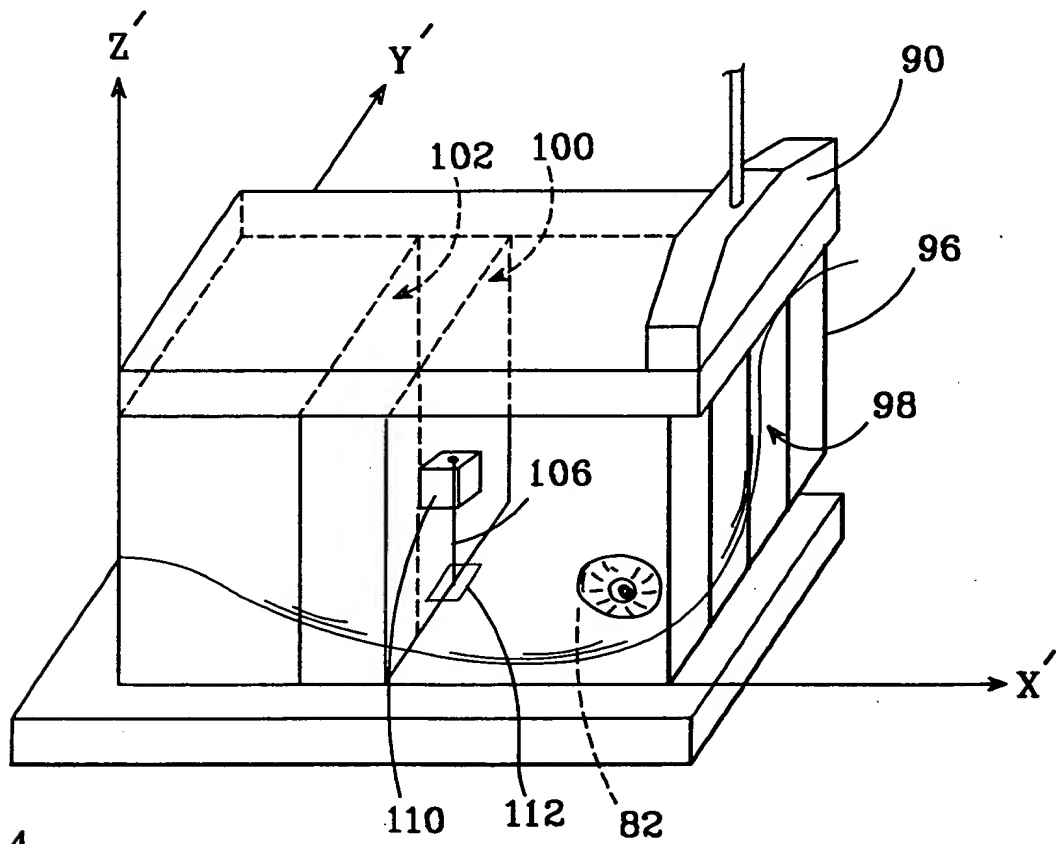
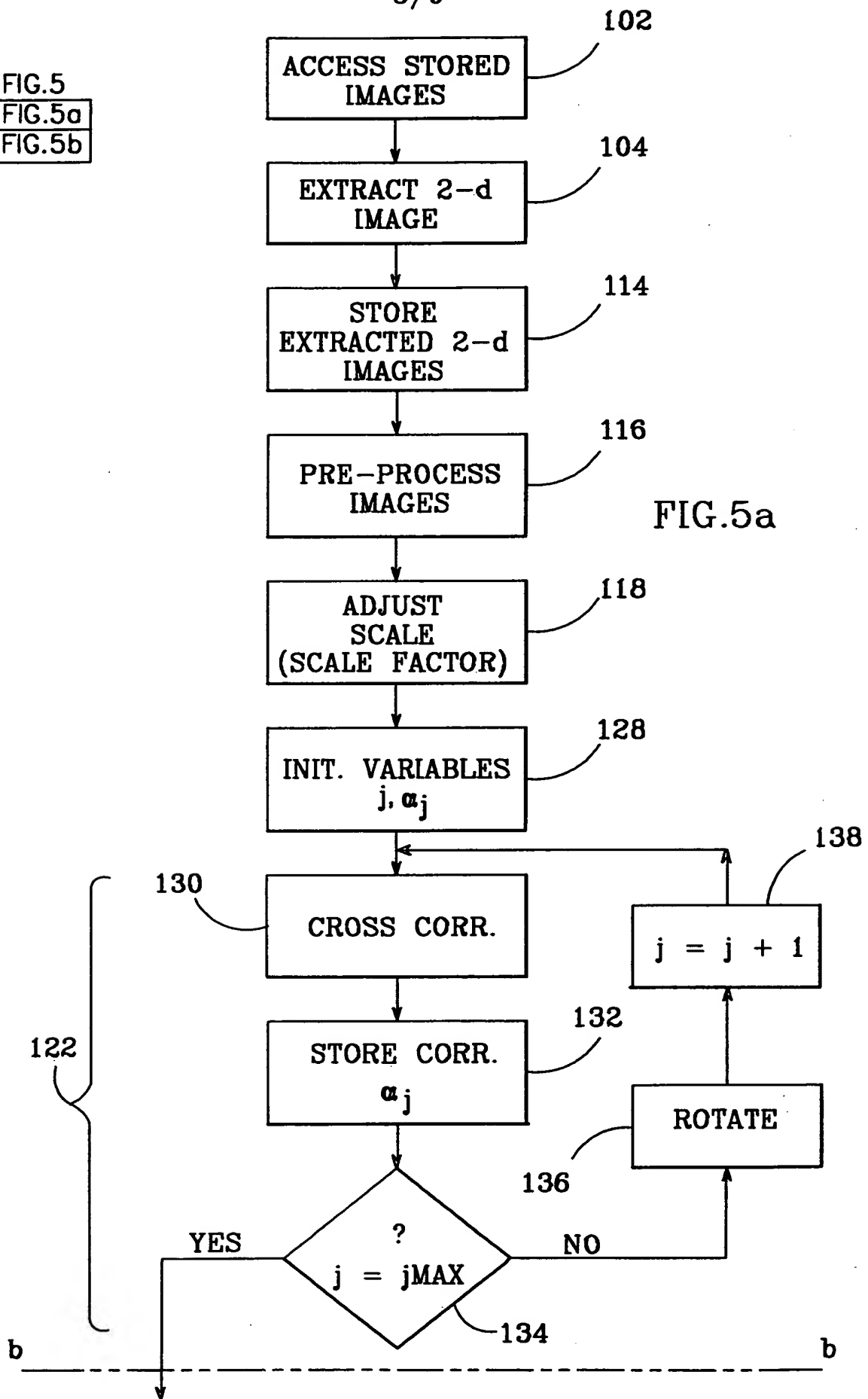


FIG. 4

FIG.5a



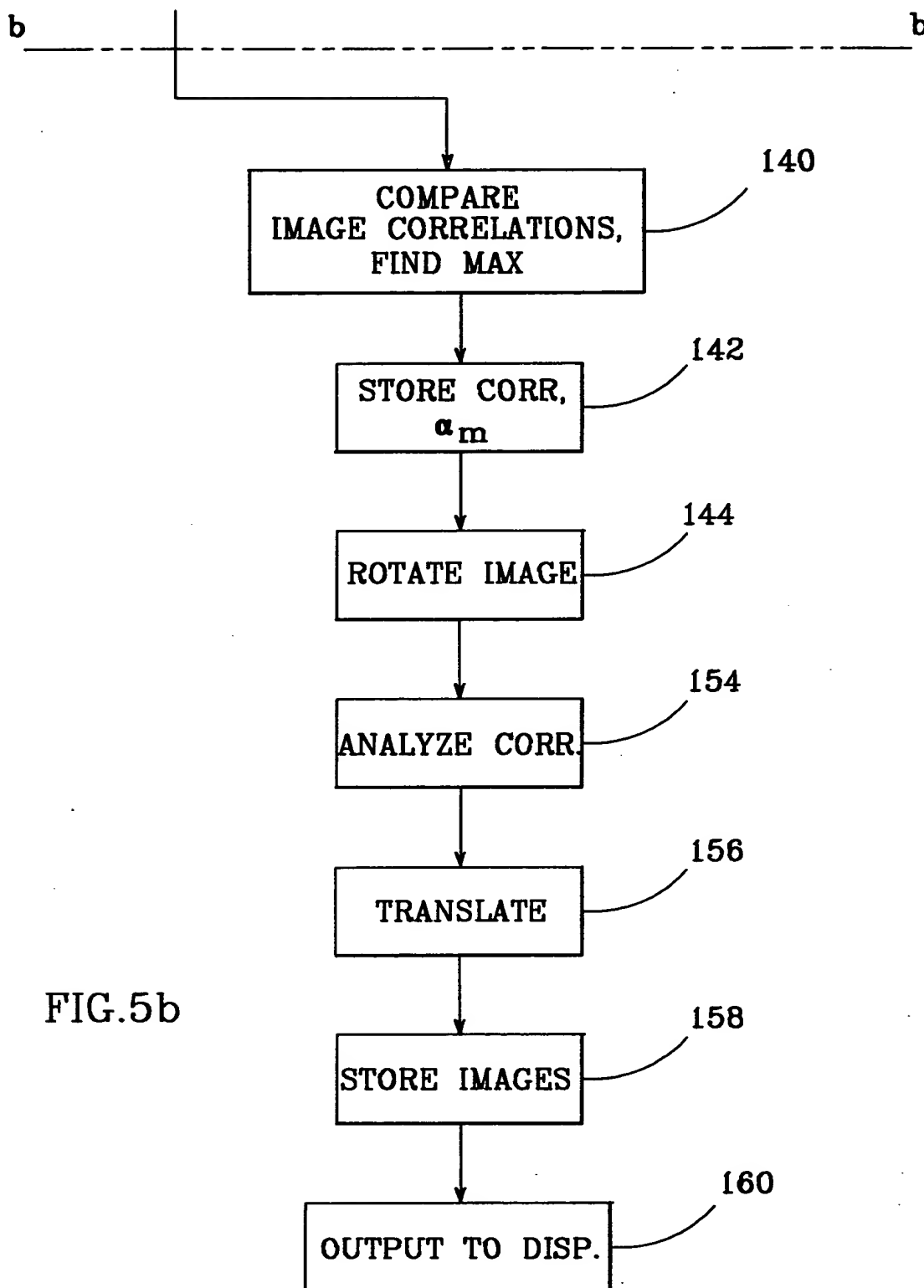


FIG.5b

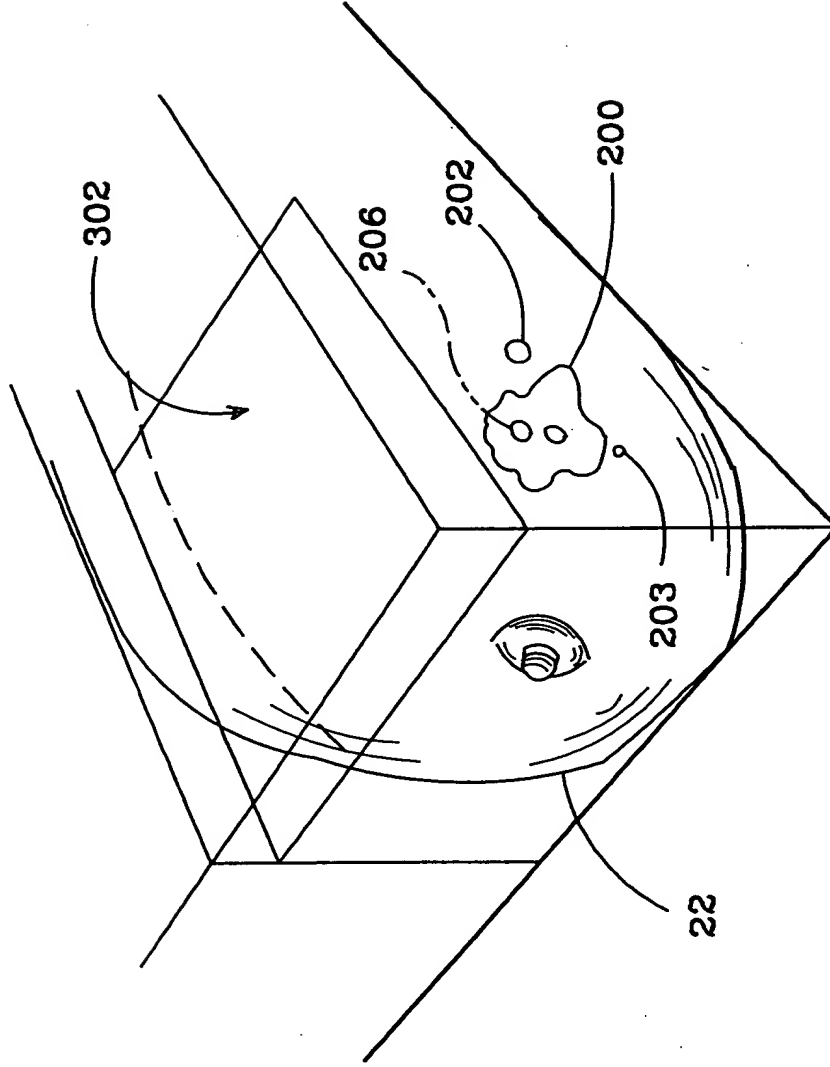


FIG. 8

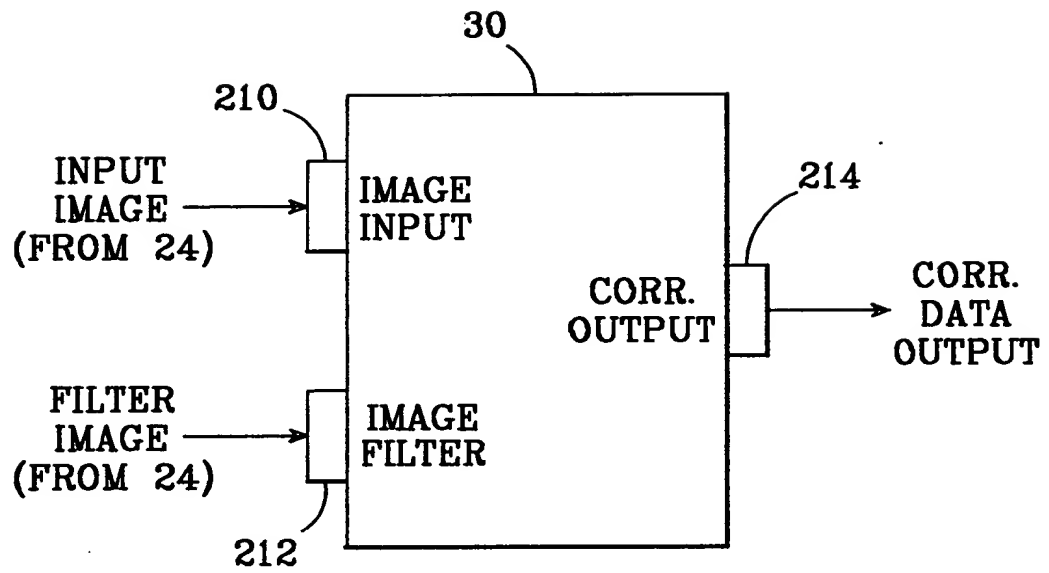


FIG.9